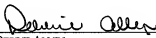


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: §
 ROGER L. SCHULTZ § Group Art Unit: **3753**
 §
Serial No.: **10/808,986** §
 §
Filed: **March 25, 2004** § Examiner: **SCHNEIDER, CRAIG M.**
 §
Title: **"APPARATUS AND METHOD FOR**
 CREATING PULSATING FLUID FLOW,
 AND METHOD OF MANUFACTURE FOR
 THE APPARATUS" § Atty. Docket No.: **HES 2003-IP-012204U1**

MAIL STOP AMENDMENT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

<p style="text-align: center;">CERTIFICATE OF FILING ELECTRONICALLY VIA EFS MPEP 503</p> <p>I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:</p> <p style="text-align: center;">HONORABLE COMMISSIONER FOR PATENTS P.O. Box 1450 ALEXANDRIA, VA 22313-1450</p> <p style="text-align: center;"> DEBBIE ALLEN</p> <p style="text-align: right;">APRIL 17, 2007</p> <p>DATE OF SUBMISSION: ELECTRONIC FILING (EFS)</p>
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TRANSMITTAL LETTER

Dear Honorable Commissioner:

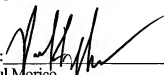
Applicants hereby submit the following document to be filed with the United States Patent and Trademark Office:

- Response Under 37 C.F.R. § 1.111 to Non-Final Office Action, Mailed March 29, 2007.

Applicants believe that there are no fees due in association with the filing of this Response. However, should the Commissioner deem that any fees are due, including any fees for

extensions of time, Applicants respectfully request that the Commissioner accept this as a Petition
Therefore, and direct that any additional fees be charged to Baker Botts L.L.P. Deposit Account No.
02-0383, Order Number 063718.0398.

Respectfully submitted,

By: 
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Date: April 17, 2007

ATTORNEY FOR APPLICANTS